

Amendments to the Specification:

Please replace the last paragraph p. 9 with the following amended paragraph:

The performance of the NLMS at various speeds and geometries (defined as the ratio of intracell to intercell interference) is now considered for various values of the adaptation coefficient. This performance evaluation will clearly show the dependence of the adaptation coefficient providing the best performance on both the received SNR (related to the geometry) and the UE speed. An example circuit to measure SNR is shown in Fig. 4; it is part of a data processor (DSP or CPU) and the data processor provides a signal with the SNR calculation and the speed measurement from a Doppler radar or accelerometer to the circuit stage of the DSP which computes equalizer coefficients that are passed to the equalizer (Fig. 1).